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L1	32	kuchеров-y\$.in. and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 06:31
L2	22	hagelstein-p\$.in. and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 06:31



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Enhanced figure of merit in **thermal** to electrical energy conversion using diode structures - group of 2 »

PL Hagelstein, Y **Kuchеров** - Applied Physics Letters, 2002 - link.aip.org
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In-Situ Determination by ESR of the Oxidation State of Copper in Cu-ZSM-5 in Flowing He and O₂ up to ...

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Importance of barrier layers in **thermal** diodes for energy conversion

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The effect of **thermal** self-action of a light beam in a shear flow

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Energy conversion using diode-like structures

Y **Kuchеров**, P Hagelstein, V Sevastyanenko - Thermoelectrics, 2002. Proceedings ICT'02. Twenty-First ..., 2002 - [ieeexplore.ieee.org](#)
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Redox and photo-redox properties of isolated Mo 5+ ions in MoH-ZSM-5 and MoH-beta zeolites: ... - group of 2 »

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hagelstein and thermal

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Models for the **thermal** diode open-circuit voltage

PL **Hagelstein**, Y Kucherov - Thermoelectrics, 2005. ICT 2005. 24th International ..., 2005 - [ieeexplore.ieee.org](#)
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Potential-step amplified nonequilibrium **thermal**-electric converters

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